

Tuesday, May 4, 2004

Spar fittings and seal attachments continue on Discovery, Atlantis

▲ **Shuttle Update:** Vehicle power-up work continues on **Discovery** with Ku-band communications and radar system testing. Following installation of the four new Rudder Speed Brake (RSB) actuators, RSB panel installation is scheduled to begin late this week. Reinforced Carbon-Carbon (RCC) build-up of panels and associated fittings is ongoing. Already installed are 20 left-hand and 14 right-hand spar fittings. Spar fittings are a series of mechanical joints that attach the RCC panel to the wing.

Technicians have begun work on **Atlantis** in preparation for airlock removal. RSB panel removal is underway, to be followed by actuator removal this week. Thermography has been performed on Atlantis' nose cap, and Thermal Protection System blanket installation is continuing. Build-up of the panels and associated fittings is ongoing, with 22 left-hand T-seals completed and 20 installed on the vehicle.

◆ **Winners of "Guess the April 2004 Electric Bills for the KSC Industrial and LC-39 Areas"** — The SGS Energy Management Office would like to thank all those who participated in the contest during Environmental & Energy Awareness Week. The winner of the SGS golf umbrella is *Keely Roesler*, USA, for



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KSC, AAPI Working Group co-sponsor Asian Festival May 22



▲ **Asian Pacific Festival 2004:** In celebration of Asian Americans and Pacific Islanders (AAPI) Heritage Month, KSC and the AAPI Working Group are sponsoring an Asian Festival on May 22. This year's event is being held from 9:30 a.m. to 5:30 p.m. at F. Burton Smith Regional Park (4 miles west of I-95 on SR-520). Enjoy music shows, vendors and ethnic foods (from various countries). Entrance fee is \$3 per person, and free for children under age 5. (*Tickets can be bought at the Festival or in advance. If you would like to buy tickets in advance, contact Marina Harris at 867-2729 or Mindy Vuong at 867-4096.*) For more details on the Festival, go to <http://www.sfacef.org/Events.htm>. Anyone wishing to volunteer time to help during the Festival, please contact Harris or Vuong.

guessing closest to the April 2004 electric bill for the LC-39 Area. The actual bill for the LC-39 Area is \$666,706.30 — her guess was \$666,501.21, a difference of just \$205.09!

The winner of the SGS folding cart is *Mike Bruder*, NASA, for guessing closest to the April 2004 electric bill for the KSC Industrial Area. The actual bill for the KSC Industrial Area was \$549,292.36 — his guess was \$547,000.00, a difference of \$2,292.36.

◆ **Did You Know?** Hurricane Season starts June 1 and it is never too early to start planning. The National Hurricane Center's Tropical Prediction Center has developed an excellent Web site for National Hurricane Preparedness Week, May 16-22. To review such topics as hurricane basics, history, storm surge and marine safety, inland flooding, the forecasting process, disaster prevention and family preparedness, go to <http://www.nhc.noaa.gov/HAW2/english/intro.shtml>